

In the specification

Please replace the paragraph on page 1, lines 5-8. with the following paragraph:

This application is a continuation of U.S. Serial No. 10/006,915 filed November 9, 2001,

which is a continuation of U.S. Serial No. 09/156,809 filed September 18, 1998 (now U.S. Patent No. 6,316,262), which claims priority to U.S. Serial No. 60/059,373 filed September 19, 1997, entitled Biological Systems for the Manufacture of Polyhydroxyalkanoate Polymers containing 4-Hydroxyacids by Gjal't W. Huisman, Frank A. Skraly, David P. Martin, and Oliver P. Peoples.

Please replace the paragraph on page 6, lines 16-21, with the following paragraph:

Figure 1A is the alignment of the *C. kluyveri* OrfZ sequence with the N-terminal sequence and internal sequences of 4-hydroxybutyryl CoA transferase (4HBCT) from *C. aminobutyricum* (SEQ ID Nos 1 and 2. Identical residues are indicated, similar residues are indicated by \*. ~~Figure 1B is~~ Figure 1B and Figure 1C are the nucleotide sequence of the *orfZ* gene from *C. kluyveri kluyveri* (SEQ ID NO:3). ~~Figure 1C is~~ Figure 1D is the amino acid sequence of the *orfZ* gene from *C. kluyveri kluyveri* (SEQ ID NO:4).

Please replace the paragraph on page 7, lines 9-12, with the following paragraph:

~~Figure 6 is~~ Figure 6 and Figure 6A are a schematic of the construction of plasmids for integration of 3-ketoacyl-CoA thiolase (*phbA*) and acetoacetyl-CoA reductase (*phbB*) genes from *Z. ramifera* into the chromosome of *E. coli* and other Gram-negative bacteria.